

In the Specification

Page 7, line 23, the paragraph beginning there at was amended as follows:

Sub E1
"The bond pads 16, contacts 32 and busses 24 and 26, routing traces 28, and bus 30 may all be interconnected by vias 38. The busses 24 and 26 may include clearance spaces 42 that electrically isolate the busses 24 and 26 from the vias 38. Additionally, the busses 24 and 26 are also separated by spaces 43."

Page 8, line 1, the paragraph beginning there at was amended as follows:

Sub E2
"Figure 4 shows a first conductive strip 44 and a second conductive strip 46 that wrap around an edge of the first bond shelf 18 to connect the bond pads 16 to the power busses 24 and 26. The conductive strips 44 and 46 can be separated by a pair of notches 48 formed in the first bond shelf 18. Some of the bond pads 16 are connected to bus 24 by conductive strip 44 while other bond pads 16 are connected to bus 26 by strip 46. The separate strips allow the bond pads 16 on the first shelf 18 to be connected to two different voltage levels. The other bond pads 16 on the first bond shelf 18 may be interconnected to other layers and/or contacts 34 by vias 38."

Page 8, line 24, the paragraph beginning there at and continuing onto page 9 was amended as follows:

Sub
E3

"The conductive strips 44 and 46 can be formed by initially masking off all surfaces of the package housing, except the edge 43 of the first bond shelf 18 with a plating resist maskant 50, as shown in Figure 5. The masked housing can then be dipped into a plating bath 52 as shown in Figure 5. The plating bath 52 plates a conductive material such as copper onto the edge 43 of the first bond shelf 18. The maskant 50 is then removed and the notches 48 can be drilled into the edges of the first bond shelf 18 to separate the plated material into the first and second conductive strips 44 and 46. All exposed copper surfaces may then be plated with gold."

AB

In the Claims

A clean version of the entire set of pending claims is presented on the following pages. Claims 13, 14, 17, 18, 21, 22, 27, 30, and 32 have been amended.